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Assistant Commissioner for Patents  
Washington, D.C. 20231

On October 10, 2000

TOWNSEND and TOWNSEND and CREW LLP

By: Sheema Hicks

Gr/1655  
**PATENT**  
Attorney Docket No.: 18547-030530US  
Client Reference No.: 3047



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Mark Chee

Application No.: 09/381,480

Filed: September 16, 1999

For: ITERATIVE RESEQUENCING

Art Unit: 1655

Examiner: Arun Chakrabarti, Ph.D.

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 10, 2000, please amend the above-identified application as follows:

In the claims

1. (Amended) A method of analyzing a target nucleic acid, comprising:

- (a) [providing] designing an array of probes to [comprising] comprise a probe set comprising probes complementary to a known reference sequence;
- (b) hybridizing the target nucleic acid to the array of probes, wherein the sequence of the target nucleic acid is a variant of the reference sequence;